

ACADEMY MEMBERS' TOURS/1972

All trips will be led by Academy staff. Full payment must accompany reservations, unless otherwise indicated, to: **GULLIVER'S TRAVEL, 3597 Sacramento St., S.F. 94118.** Additional information on weekend trips will be sent on receipt of reservations.

- 1. SANTA BARBARA / CHANNEL ISLANDS.** April 14-16. Limit 44. Cost: \$110 per person. Fly Friday night to Santa Barbara, spend Saturday on Anacapa Island. Sunday, visit to Botanical Gardens, Natural History Museum. Price includes air, boat, bus transportation, hotel, picnic lunches.
- 2. BRISTLECONE PINES.** July 1-4. Limit 44. Cost: \$85.00. Tour the eastern Sierra by charter bus, Bodie, Travertine Mine, Mono Lake, Bristlecone Pines. Overnights in Bridgeport and Bishop, return via Yosemite. Price includes transportation, hotel, picnic lunches.
- 3. REDWOOD NATIONAL PARK AND MUSHROOM WALKS.** Nov. 23-27. Limit 44. Cost: \$85.00. Tour the Redwood Highway by charter bus. Visit State and National Redwood Parks, search for mushrooms. Thanksgiving Dinner at Eureka Inn. Price includes bus transportation, hotel, box lunches. Deposit \$20.00 with reservations.

Day Excursions

- 1. MT. DIABLO GEOLOGY FIELD TRIP.** April 30. Limit 80. Cost: \$4.00. Leave the Academy by charter bus at 9 A.M. Bring lunch.
- 2. MOSS BEACH, SAN MATEO COUNTY.** May 14. —2 tide at 6:18 A.M. No cost. Furnish own transportation. Reservations necessary.
- 3. FARALLON ISLANDS.** May 21. Limit 49. Cost \$10.00. Leave from Sausalito (next to Spinnaker Restaurant) 8 A.M. Circle the islands for sea birds, return by 4 P.M. Bring lunch.

PLEASE REFER TO RESERVATION BLANK
ELSEWHERE IN THIS NEWSLETTER

MARCH

at the

CALIFORNIA ACADEMY OF SCIENCES

MARCH MEETINGS

(for Members and Their Guests)

DATES & TIMES: Matinee, 2:30 p.m., Wednesday, March 8
Evenings, 8:00 p.m., Wednesday and Thursday, March 8-9

PLACE: May Treat Morrison Auditorium

SPEAKER: Joseph A. Robinson

SUBJECT: "THE TRANS-SIBERIAN ADVENTURE"

The highly favorable impression made by Mr. Robinson at his appearances before the Academy members last May called for an invitation for an early encore.

Here is an opportunity to share some of the excitement, frustrations and learning experiences of an exploring trip across Siberia on the historic Trans-Siberian Railway. Starting at the Pacific terminus of the world's longest rail line, you'll see something of the "Rossia" train itself; visit Khabarovsk, at the confluence of the Ussuri and Amur rivers (the troubled boundaries with Red China); see long, untouched stretches of Siberian wilderness as the coal-burning steam locomotives break the silence, and then on to explore Irkutsk, hub of this awakening land. Near here you'll explore the extensive hydroelectric developments farther to the north, carved by brute force out of the thick, touch "Taiga", forests of larch and birch.

From Irkutsk it is on to Lake Baikal, one of the world's largest bodies of fresh water. From there we continue on to Novosibirsk ("New Siberia") with its over-a-million population, center of scholarly and applied research institutes known as "Academic City." All-in-all this is an adventure few of us will ever indulge in person.

Mr. Robinson is a highly successful management consultant but with his keenly observant eye, ability as a photographer and lively literacy, he's first to admit he would rather travel and photograph more than anything in the world.

Three meetings as indicated and your membership card is your admission. For the matinee performance on Wednesday, present it to the door attendant at the entrance of *Cowell Hall* only. You will be asked to show it once again at the auditorium entrance. For the evening meetings, arrangements as in the past: ingress at the main entrance, Cowell Hall, and the rear Planetarium entrance off Middle Drive.

MORRISON PLANETARIUM

"HEAVEN'S ABOVE!" begins March 2 and extends through April 23. A look at the complex manner in which astronomy and religion have been closely bound during the centuries, a new and unusual experience of looking heavenward.

Performances daily at two with evening shows, Wednesday through Sunday, at eight. Extra matinees on Saturdays, Sundays and holidays. Admission: Anyone 18 and over, \$1.00. Anyone 17 and under, 50c.

SPECIAL EXHIBITS

"ANIMAL AND PLANT LIFE STUDY PRINTS", in Lovell White Hall of Man and Nature through the months of March and April. 180 photographs comprising 16 different sets of teaching aids produced jointly by McGraw-Hill Films and the Academy. Individual sets are available for purchase exclusively at the Academy sales desks during this period. (See NEWS AND NOTES for further information.)

"GALAPAGOS" continues indefinitely in Cowell Hall.

SPECIAL EVENTS

"19th ANNUAL BAY AREA SCIENCE FAIR" takes place and is open to the public March 18-22. Come and be amazed at original science projects created by local youngsters.

RECENT SCIENTIFIC PUBLICATIONS OF THE

CALIFORNIA ACADEMY OF SCIENCES

OCCASIONAL PAPERS

"SCORPIONS OF THE NORTHERN CALIFORNIA COAST RANGES (Arachnida: Scorpionida)". John T. Hjelle. No. 92. January 26, 1972 50c

"A NEW GENUS AND SPECIES OF CAMEL CRICKET FROM THE FARALLON ISLANDS OF CALIFORNIA (Orthoptera: Gryllacrididae)". David C. Rentz. January 26, 1972 25c

"FOUR NEW SCORPION SPECIES BELONGING TO THE GENUS PARUROCTONUS (Scorpionida: Vaejovidae)". Stanley C. Williams. No. 94. January 26, 1972 25c

RESERVATIONS FORM

Enclosed is \$..... for..... reservations for the California Academy of Sciences' trip(s) checked below:

Mt. Diablo, April 30. \$4.00
 Moss Beach, May 14. N.C.
 Farallon Islands, May 21. \$10.00

If reservations are full please hold my check for a place on the waiting list.

All hotel accommodations are for double occupancy.
Reservations will be accepted in the order received and will be confirmed.

Name _____

Address _____

Telephone _____

City _____

Zip _____

NEWS and NOTES

THE McGRAW HILL Film Study prints mentioned earlier are the outgrowth of a close working association with the publisher and the CAS. Dr. Edward S. Ross, Curator, Department of Entomology, was the mainstay in the lengthy production, providing the lion's share of the photographs in the series (138 of the 180 involved) and writing most of the captions and detailed information. Represented also with photos are Dr. Robert T. Orr and the late Dr. G Dallas Hanna.

The enlarged color prints are aimed particularly as an assistance to teachers at the elementary school level. Fine photography and factual data make each set a teaching instrument of value. Their decorative appeal as individual works of art is readily recognized.

REGRETFULLY, we report the death, on January 20, of the lone survivor of the Academy's 1905-1906 expedition to the Galapagos Islands, Mr. Joseph S. Hunter. Mr. Hunter would have been 93 on his next birthday having been born on August 9, 1879. As recently as 1965, he journeyed to Chula Vista to visit with another member of the expedition, Dr. Francis X. Williams, who passed away in 1967.

To Mr. Hunter's family and friends, an expression of appreciation of his many accomplishments and full, long life, and genuine sorrow at his demise.

NEW MEMBERS OF THE ACADEMY

Regular Members

Mr. Linn C. Alexander
Mrs. Susan Heller Anderson
Miss Anna W. Ballou
Miss Diane J. Barr
Mrs. Walter E. Barrus
Mrs. Sue L. Bender
Mr. Barton L. Berry
Dr. Gary Boero
Miss Barbara Bonnickson
Mrs. Mary Bouscher
Mr. Nicholas G. K. Boyd, III
Miss Joan R. Budenbender
Mr. Robert Baum, Jr.
Miss Lila Carmichael
Miss Rena Case
Mrs. Ray C. Childs
Mr. William M. Chionsini
Mr. Sung-Dai Chun
Mrs. Ina Cokeley
Mr. & Mrs. Mervyn F. Cole, Jr.
Mr. Alan J. Cooper
Miss Evelyn F. Cox
Mr. Myron M. Christy
Mr. John H. Dakin
Miss Diane J. Davis
Mrs. Harold F. Dean
Miss Janet Drewry
Mr. Stephen M. Durst
Mr. David Albert Elkus
Mr. Don H. Erbel
Mrs. Bailey Fairchild
Dr. James R. Firby
Dr. Gary D. Fishback
Mr. Russell M. Fishback
Mrs. Marianne Fletcher
Miss Linda Floyd
Mrs. Florence Gantner
Dr. Leslie H. Gise
Mr. Gary Y. Gee
Miss Betty L. Green
Mr. Michael Grey
Mrs. Winifred G. Hammond
Mr. L. Earl Hardt
Mr. Scott Haskins
Miss Quail Hawkins
Mr. David A. Heinrichsen
Mr. Peter S. Hertzmann
Mr. G. E. Hubbard
Mr. Hugh Jeffcoat
Mrs. George K. Jensen
Mrs. James Joelson
Mr. David A. Johnson
Mr. Per Knutson
Miss Hildegarde Kress
Mr. Jonathan Krupp
Mr. Baldwin Gaylor Lamson, Jr.
Miss Catherine A. Larrea
Mr. James V. Lawry
Miss Fannie P. Lloyd
Miss Susan Lockwood

Mrs. Paul K. Lovegren
Mrs. Blanche R. Mack
Mrs. G. W. MacLaren
Mr. Michael D. Malcolm
Mrs. A. M. Massie
Mr. David M. Miller
Miss Cecile McCollins
Mrs. Dwight Nelson
Mr. Richard W. Pallas
Mr. Ronald Polse
Mr. George L. Powell
Miss Mary E. Rasmussen
Mrs. Helen W. Reeves
Miss Ann Roberts
Mrs. Jeanne L. Rogers
Mr. John G. Yee
Miss Alice Rogoff
Mr. Peter R. Schimpfle
Robert Shaffer Photography
Mr. Richard Sherman
Miss Leone B. Skinner
Mr. Stephen W. Smith
Mr. Mark D. Stephenson
Mr. Dennis Sweeney
Miss Karen L. Warren
Miss Esther Colton Whited
Miss Linda Carolee Williams
Miss Miriam E. Wolff
H. Dee Woolf
Mrs. Gatis Yates
Miss M. Yawitt
Mr. & Mrs. Jon Joslyn
Mr. Earl Forrest Junghans
Mr. Dimitri Ilyin
Mrs. Faye M. Kaneko
Dr. & Mrs. Bert Katzung
Dr. James E. Kent
Mr. & Mrs. Gerard Kirchner
Dr. & Mrs. K. Kobrin
Mr. & Mrs. J. B. Krajeska
Maj. & Mrs. John H. E. Krohn
Pat & Bob Kuder
Mr. Robert M. Larsen
Mr. & Mrs. Arnold Lazarus
Mr. & Mrs. David Leonard
Mr. & Mrs. J. L. Levensaler
Dr. & Mrs. N. Mages
Mr. Henry I. Mahon
Mrs. Noel Mansfield
Mr. W. P. Meyer
Dr. & Mrs. Frank Miller
Mr. G. H. Mortensen
Mr. & Mrs. James J. Mulvey
LTC. & Mrs. G. L. McDonald
Mrs. Nan Tucker McEvoy
Mr. Robert G. McFarland
Mr. Peter G. Nice
Mr. John O'Halloran
David F. & Margaret A. Otey
Mr. & Mrs. D. H. Perkins
Mr. & Mrs. Jack Lewis Powell
Mr. & Mrs. Murray Richards
Mr. & Mrs. K. T. Rogers
Mr. W. C. Schaupp
Dr. Clifford L. Schmidt
Mrs. Jennie V. Scott
Mr. & Mrs. Robert F. Seeger
Mr. Kenneth Shaw
Mrs. Shirley Smith
Mr. Daniel Solano
Dr. Masao Sugiyama
Dr. & Mrs. Patrick Taylor
Mrs. Margaret Taub
Dr. Jack Tomlinson
Mr. & Mrs. Alex Tourubaroff
Mr. & Mrs. James H. Thayer, Jr.
Mr. John G. Vedder
Mrs. C. R. Wawrzynski
Mr. & Mrs. Leland E. Wolfenden
Mrs. Robert T. Jones, Jr.
Mr. W. Bruce Wylie

Family Members

Mr. William H. Abbott
Mr. & Mrs. Edward Abraham
Mr. Wayne D. Anstis
Mr. Melvin J. Anthony
Mr. G. C. Ausley
Mr. & Mrs. Kenneth R. Barr
Mr. Gregg Bender
Mr. Randall G. Blair
Mr. & Mrs. Robert I. Bolen
Mr. & Mrs. Tim Burke
Mr. & Mrs. Alexander D. Calhoun, Jr.
Mr. Dean F. Carr
Mrs. William P. Cashman
Mrs. Ivan Christie
Mrs. Shirley P. Chute
Mrs. Bud Coyan
Mr. Howell V. Daly
Dr. & Mrs. Aubrey M. Davis
Mr. & Mrs. Douglas C. Davis
Dr. & Mrs. William C. Deamer
Mr. Keith G. Eickman
Mrs. Charles W. Elliot
Mr. Robert B. Elliott
Mr. Victor Estate
Mr. Kenneth Evans
Mr. G. J. Fehlhaber
Mrs. Virginia Feibusch
Mrs. P. A. Fong
Mrs. Emily Frederickson
David & Christine Fukuyama
Mr. Mark E. Gibson
Mrs. Lynn J. Gillard
Mr. & Mrs. Ernest R. Golladay
Winifred Kellogg & Ernest Gould
Mr. & Mrs. Neil Grant
Mr. & Mrs. William Griggs
Dr. Harle B. Grover
Mr. Robert N. Hammond
Mr. & Mrs. Victor Hanson
Mr. & Mrs. Richard Harrington
Mr. & Mrs. Warren C. Hayward
Mr. & Mrs. Wayne A. Heffron
Mr. & Mrs. Bruce Hope
Mr. & Mrs. Sigwart Horneman
Mr. & Mrs. John S. Howell
Mr. & Mrs. Roy L. Hudson
Mrs. Robert T. Jones, Jr.

Contributing Members

Dr. & Mrs. Claudius Y. Gates
Mr. Alan L. Reeves
Mr. Wesley L. Tennant

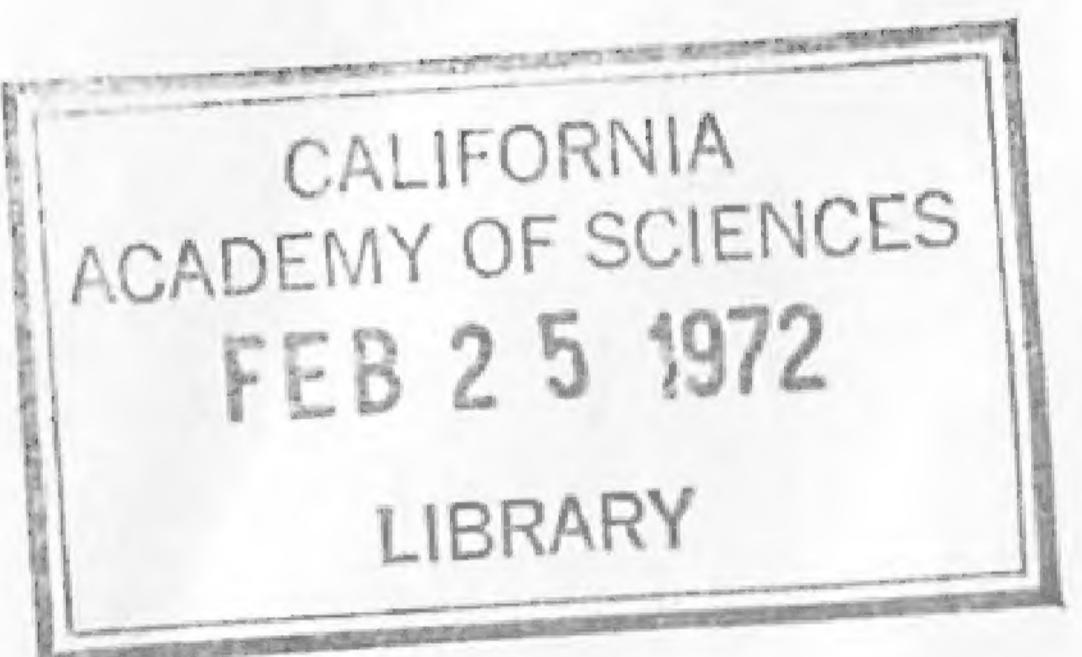
Life Members

Miss Laurel Falces
Mr. Herman V. Von Holt
Mr. & Mrs. Sanford P. Lowengart, Jr.

THE CALIFORNIA ACADEMY OF SCIENCES
Open every day of the year San Francisco 94118
(415) 221-5100

Non-Profit Organization
U. S. POSTAGE
PAID
San Francisco, Calif.
Permit No. 7544

Ref.
Q 11
C 22
no. 387



No. 387 — Published Monthly by the
CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK • SAN FRANCISCO 94118

MARCH 1972